

Serial Number: 09/830,810

**ENTERED**

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form. 3/1/95

09/830810

10 APR 2001 27 APR 2001

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/830,810

DATE: 05/29/2001

TIME: 19:12:50

Input Set : A:\Pto.amc

Output Set: C:\CRF3\05292001\I830810.raw

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5   Pei, Wang
9 <120> TITLE OF INVENTION: OVARY SPECIFIC GENES AND PROTEINS
13 <130> FILE REFERENCE: P01925W00 / 09807797 / OTA 99-48
C--> 17 <140> CURRENT APPLICATION NUMBER: US/09/830,810
C--> 19 <141> CURRENT FILING DATE: 2001-04-27
23 <150> PRIOR APPLICATION NUMBER: 60/106,020
25 <151> PRIOR FILING DATE: 1998-10-28
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120 Asn Pro Arg Arg Asp Ala Ser Val Gln Cys Ser Leu Gly Arg Arg Thr
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123 Leu Gln Pro Ala Gly Cys Arg Ala Ser Pro Asp Ala Arg Ser Gly Ser
124          100         105         110
126 Cys Gln Pro Arg Gly His Ala Gly Ala Gly Arg Ser Pro Arg Ser Trp
127          115         120         125
129 Gln Thr Val Ala Pro Phe Ser Ser Val Thr Phe Cys Gly Leu Ser Ser
130          130         135         140
132 Ser Leu Glu Val Ala Gly Gly Arg Gln Thr Pro Thr Lys Gly Glu Gly
133 145         150         155         160
135 Ser Pro Ala Ser Ser Gly Thr Arg Glu Pro Glu Pro Arg Glu Val Ala
136          165         170         175
138 Ala Arg Lys Ala Val Pro Gln Pro Arg Ser Glu Glu Gly Asp Val Gln
139          180         185         190
141 Ala Ala Gly Gln Ala Gly Trp Glu Gln Gln Pro Pro Pro Glu Asp Arg
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144 Asn Ser Val Ala Ala Met Gln Ser Glu Pro Gly Ser Glu Glu Pro Cys
145          210         215         220
147 Pro Ala Ala Glu Met Ala Gln Asp Pro Gly Asp Ser Asp Ala Pro Arg
148 225         230         235         240
150 Asp Gln Ala Ser Pro Gln Ser Thr Glu Gln Asp Lys Glu Arg Leu Arg
151          245         250         255
153 Phe Gln Phe Leu Glu Gln Lys Tyr Gly Tyr Tyr His Cys Lys Asp Cys
154          260         265         270
156 Lys Ile Arg Trp Glu Ser Ala Tyr Val Trp Cys Val Gln Gly Thr Ser
157          275         280         285
159 Lys Val Tyr Phe Lys Gln Phe Cys Arg Val Cys Glu Lys Ser Tyr Asn
160          290         295         300
162 Pro Tyr Arg Val Glu Asp Ile Thr Cys Gln Ser Cys Lys Arg Thr Arg
163 305         310         315         320
165 Cys Ala Cys Pro Val Arg Phe Arg His Val Asp Pro Lys Arg Pro His
166          325         330         335
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Output Set: C:\CRF3\05292001\I830810.raw

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195 ctggagactt tgaaggctat gcttgaggga ctagatatac tgcttgacaca aaaggttcaa 360
197 accagtaggt gcaaaactcag agtaattaat tggagagaag atgacttgaa gatatgggct 420
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266 Gln Ser Leu Leu Arg Asp Glu Ala Leu Ala Ile Ser Ala Leu Thr Asp
267 35 40 45
269 Leu Pro Gln Ser Leu Phe Pro Val Ile Phe Glu Glu Ala Phe Thr Asp
270 50 55 60
272 Gly Tyr Ile Gly Ile Leu Lys Ala Met Ile Pro Val Trp Pro Phe Pro
273 65 70 75 80
275 Tyr Leu Ser Leu Gly Lys Gln Ile Asn Asn Cys Asn Leu Glu Thr Leu
276 85 90 95
278 Lys Ala Met Leu Glu Gly Leu Asp Ile Leu Leu Ala Gln Lys Val Gln
279 100 105 110
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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/830,810

DATE: 05/29/2001

TIME: 19:12:50

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Output Set: C:\CRF3\05292001\I830810.raw

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291                      165                      170                      175
293 Glu Ser Thr Thr Tyr Leu Leu Gln Trp Ala Gln Gln Arg Lys Asp Ser
294                      180                      185                      190
296 Ile His Leu Phe Cys Arg Lys Leu Leu Ile Glu Gly Leu Thr Lys Ala
297      195                      200                      205
299 Ser Val Ile Glu Ile Phe Lys Thr Val His Ala Asp Cys Ile Gln Glu
300      210                      215                      220
302 Leu Ile Leu Arg Cys Ile Cys Ile Glu Glu Leu Ala Phe Leu Asn Pro
303 225                      230                      235                      240
305 Tyr Leu Lys Leu Met Lys Ser Leu Phe Thr Leu Thr Leu Asp His Ile
306                      245                      250                      255
308 Ile Gly Thr Phe Ser Leu Gly Asp Ser Glu Lys Leu Asp Glu Glu Thr
309                      260                      265                      270
311 Ile Phe Ser Leu Ile Ser Gln Leu Pro Thr Leu His Cys Leu Gln Lys
312      275                      280                      285
314 Leu Tyr Val Asn Asp Val Pro Phe Ile Lys Gly Asn Leu Lys Glu Tyr
315      290                      295                      300
317 Leu Arg Cys Leu Lys Lys Pro Leu Glu Thr Leu Cys Ile Ser Asn Cys
318 305                      310                      315                      320
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321                      325                      330                      335
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326 Leu Leu Glu Pro Leu Gly Phe Leu Leu Glu Arg Val Gly Asp Thr Leu
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329 Lys Thr Leu Glu Leu Asp Ser Cys Cys Ile Val Asp Phe Gln Phe Ser
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332 Ala Leu Leu Pro Ala Leu Ser Gln Cys Ser His Leu Arg Glu Val Thr
333 385                      390                      395                      400
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341 &lt;210&gt; SEQ ID NO: 5

343 &lt;211&gt; LENGTH: 1018

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347 &lt;213&gt; ORGANISM: Mus musculus

351 &lt;400&gt; SEQUENCE: 5

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356 cacaacacct ccaccaagcc gccctgtaaa tcgacatgag tcgccacagc accagcagcg      180
358 tgaccgaaac cacagcaaaa aacatgctct ggggtagtga actcaatcag gaaaagcaga      240
360 cttgcacctt tagaggccaa ggcgagaaga aggacagctg taaactcttg ctcagcacga      300
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## RAW SEQUENCE LISTING

DATE: 05/29/2001

PATENT APPLICATION: US/09/830,810

TIME: 19:12:50

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Output Set: C:\CRF3\05292001\I830810.raw

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370 aagaggagga agaggaggag gaagaggatg aagatgagga tgcagatata tcgctagagg 600
372 agatacctgt caaacaagtc aaaaggggtg ctccccagaa gcagatgagc atagcaaaga 660
374 aaaagaaggt ggaaaaagaa gaggatgaaa cagtagtgag gccagccct caggacaaga 720
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409 50 55 60
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412 65 70 75 80
414 Ala Ser Val Leu Pro Met Val Thr Val Ser Gly Ile Glu Leu Ser Pro
415 85 90 95
417 Pro Val Thr Phe Arg Leu Arg Thr Gly Ser Gly Pro Val Phe Leu Ser
418 100 105 110
420 Gly Leu Glu Cys Tyr Glu Thr Ser Asp Leu Thr Trp Glu Asp Asp Glu
421 115 120 125
423 Glu Glu Glu Glu Glu Glu Glu Glu Glu Asp Glu Asp Glu Asp Ala Asp
424 130 135 140
426 Ile Ser Leu Glu Glu Ile Pro Val Lys Gln Val Lys Arg Val Ala Pro
427 145 150 155 160
429 Gln Lys Gln Met Ser Ile Ala Lys Lys Lys Lys Val Glu Lys Glu Glu
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432 Asp Glu Thr Val Val Arg Pro Ser Pro Gln Asp Lys Ser Pro Trp Lys
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/830,810

DATE: 05/29/2001

TIME: 19:12:51

Input Set : A:\Pto.amc

Output Set: C:\CRF3\05292001\I830810.raw

L:17 M:270 C: Current Application Number differs, Replaced Current Application Number

L:19 M:271 C: Current Filing Date differs, Replaced Current Filing Date

PCT

## RAW SEQUENCE LISTING

DATE: 05/18/2001

PATENT APPLICATION: US/09/830,810

TIME: 11:00:50

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 4 Pei, Wang  
 6 <120> TITLE OF INVENTION: OVARY SPECIFIC GENES AND PROTEINS  
 8 <130> FILE REFERENCE: P01925W00 / 09807797 / OTA 99-48  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/830,810  
 C--> 11 <141> CURRENT FILING DATE: 2001-04-27  
 13 <150> PRIOR APPLICATION NUMBER: 60/106,020  
 14 <151> PRIOR FILING DATE: 1998-10-28  
 16 <160> NUMBER OF SEQ ID NOS: 15  
 18 <170> SOFTWARE: PatentIn version 3.0

Does Not Comply  
 Corrected Diskette Needed

## ERRORED SEQUENCES

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## VERIFICATION SUMMARY

DATE: 05/18/2001

PATENT APPLICATION: US/09/830,810

TIME: 11:00:51

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Output Set: N:\CRF3\05182001\I830810.raw

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:523 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:369 SEQ:15  
L:523 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:12  
L:523 M:252 E: No. of Seq. differs, <211>LENGTH:Input:364 Found:369 SEQ:15